

FIG. 1

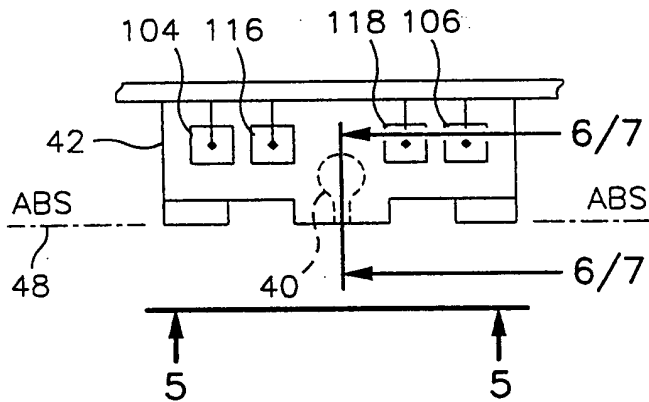


FIG. 2

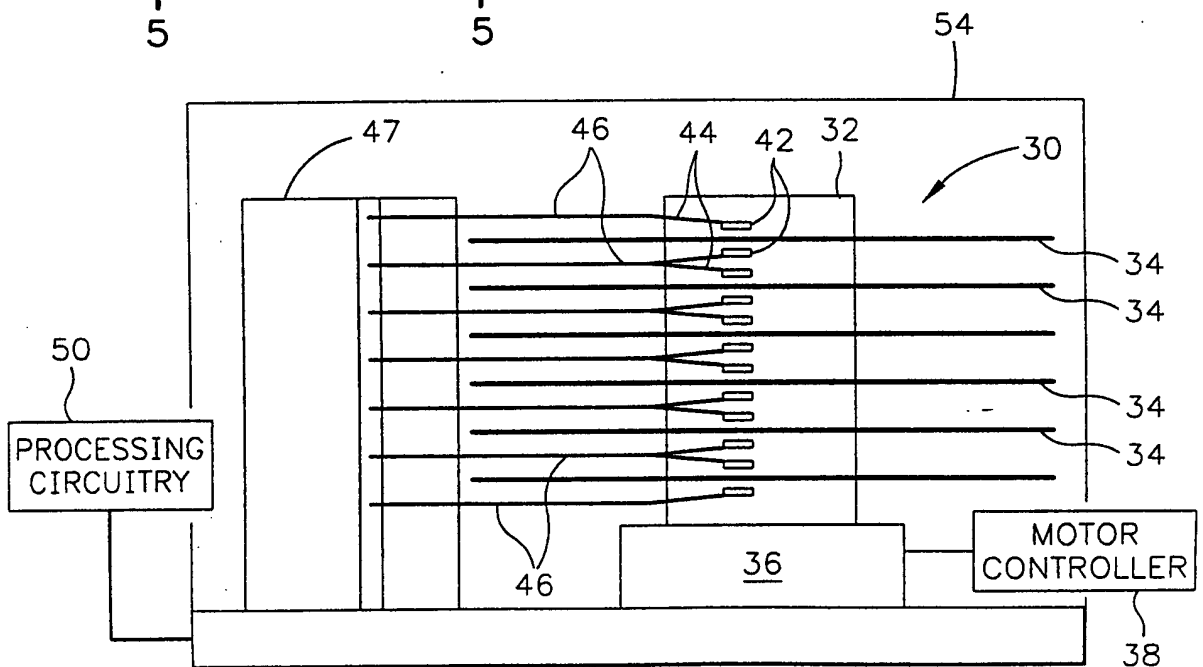


FIG. 3

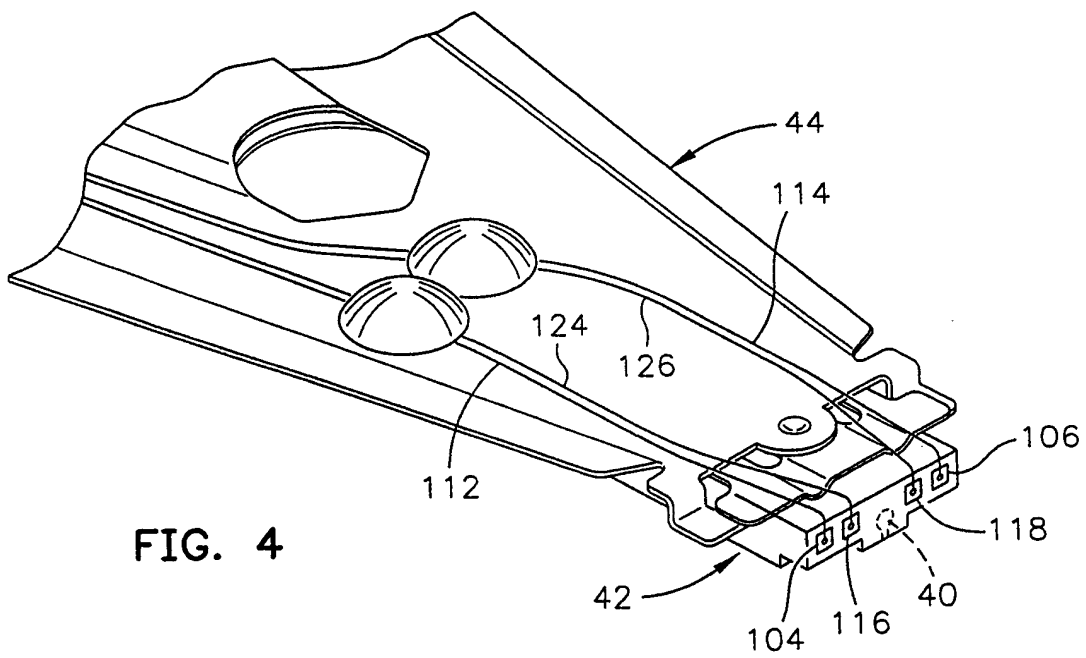


FIG. 4

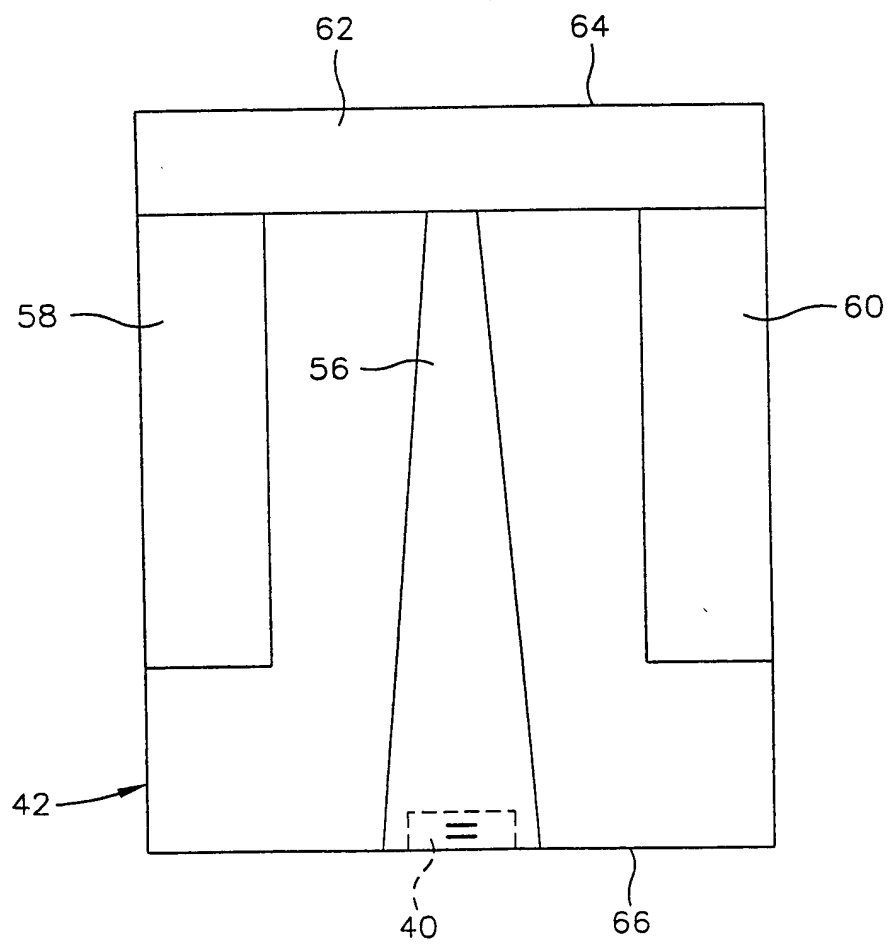
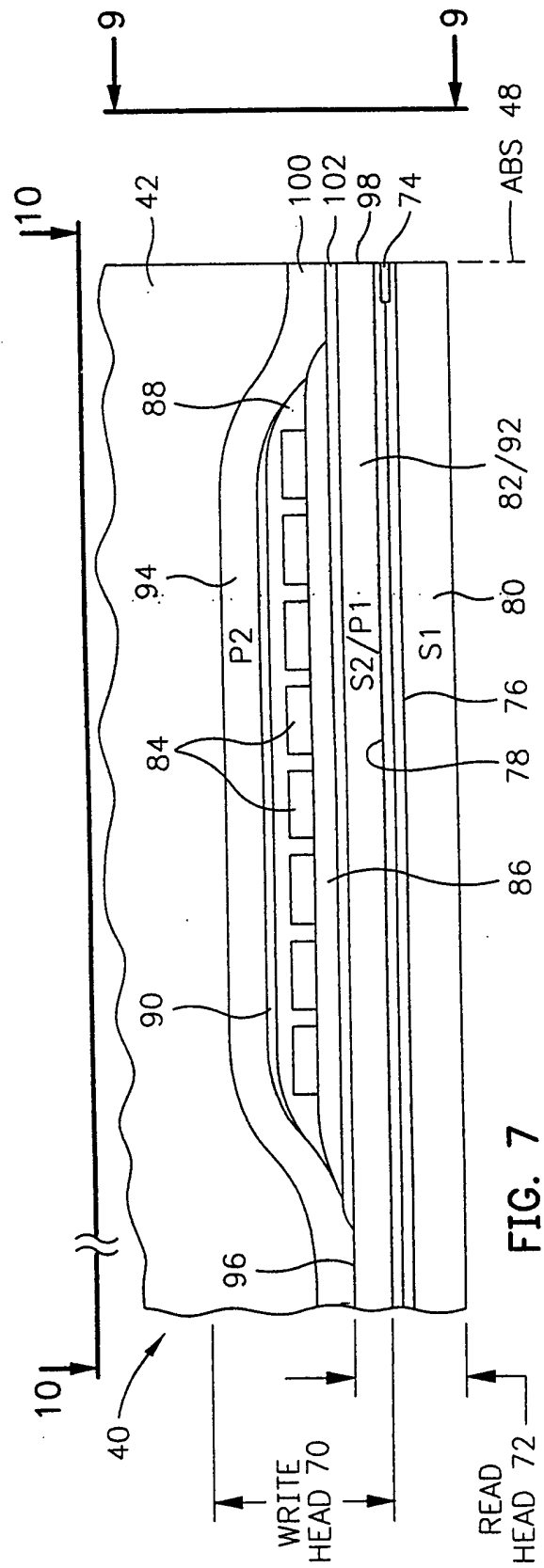
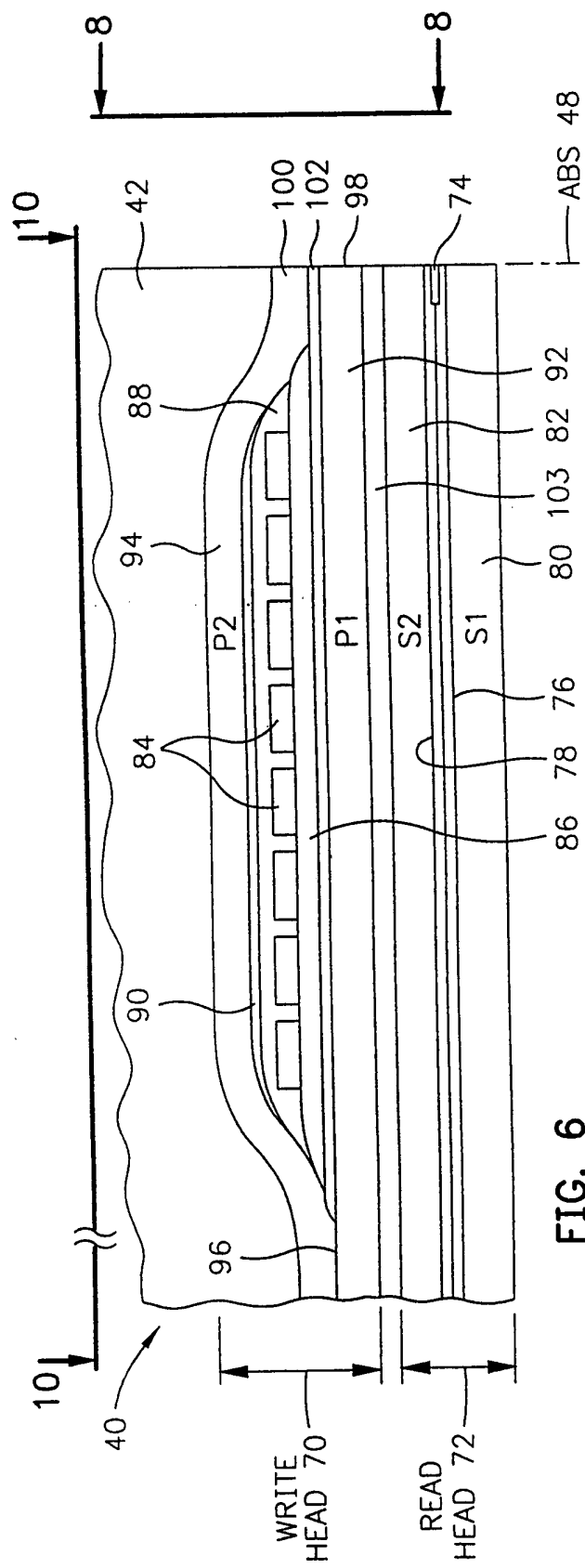


FIG. 5



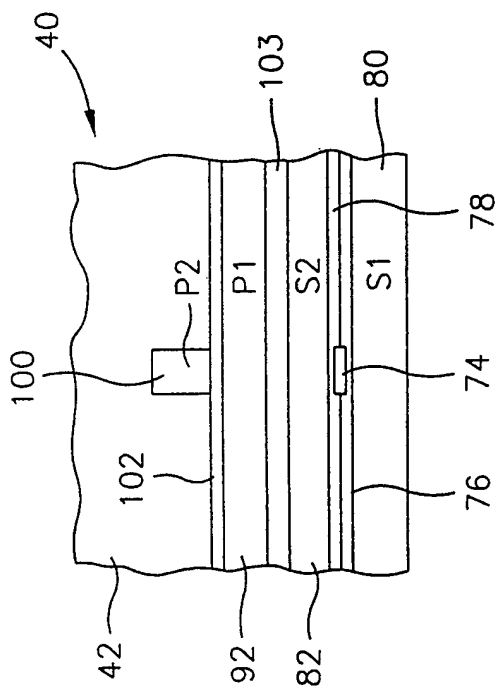


FIG. 8

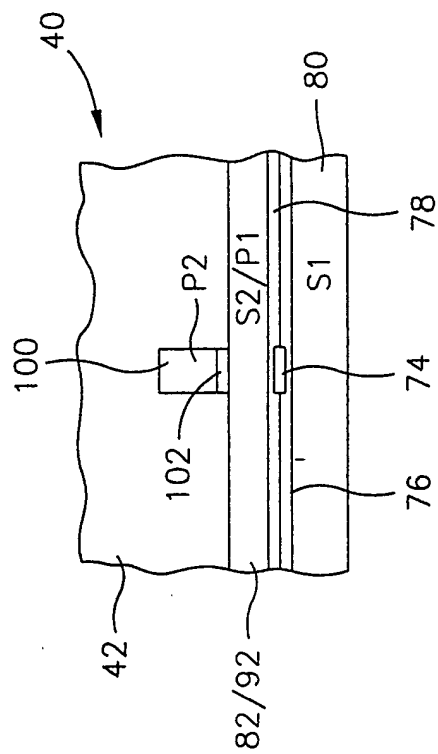


FIG. 9

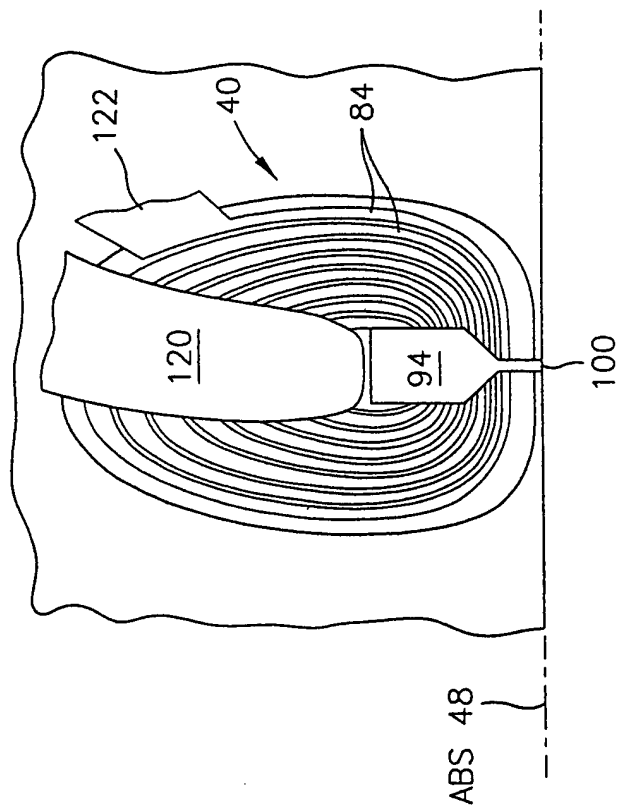


FIG. 10

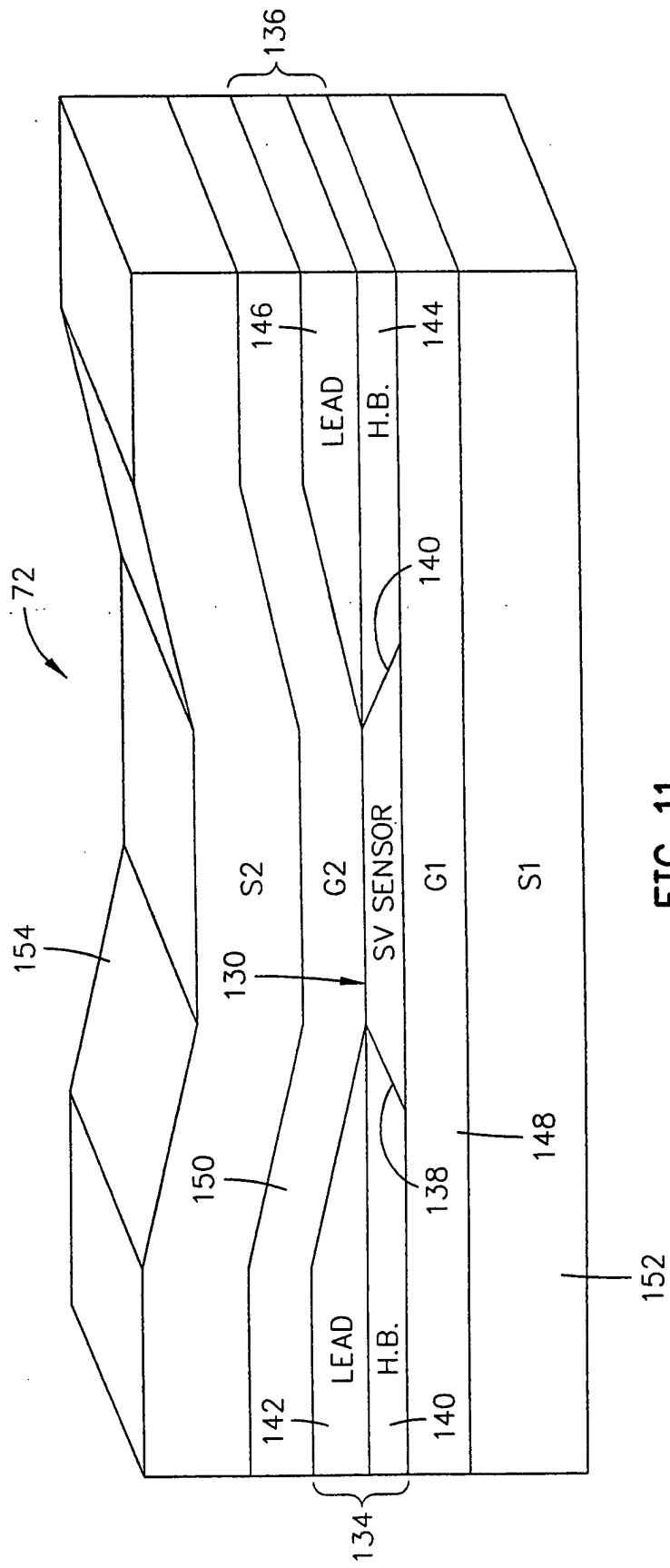


FIG. 11
(ABS)

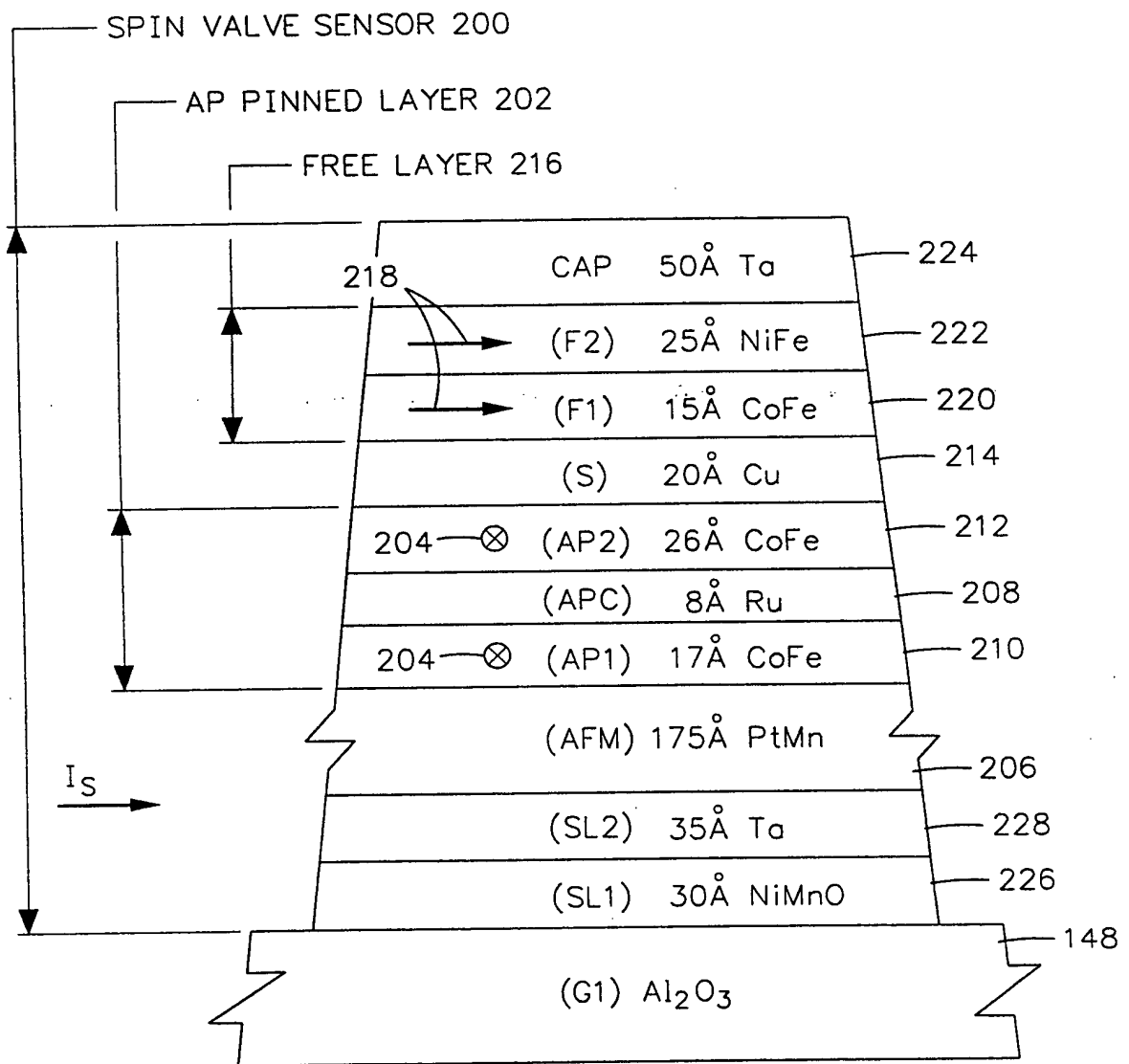


FIG. 12

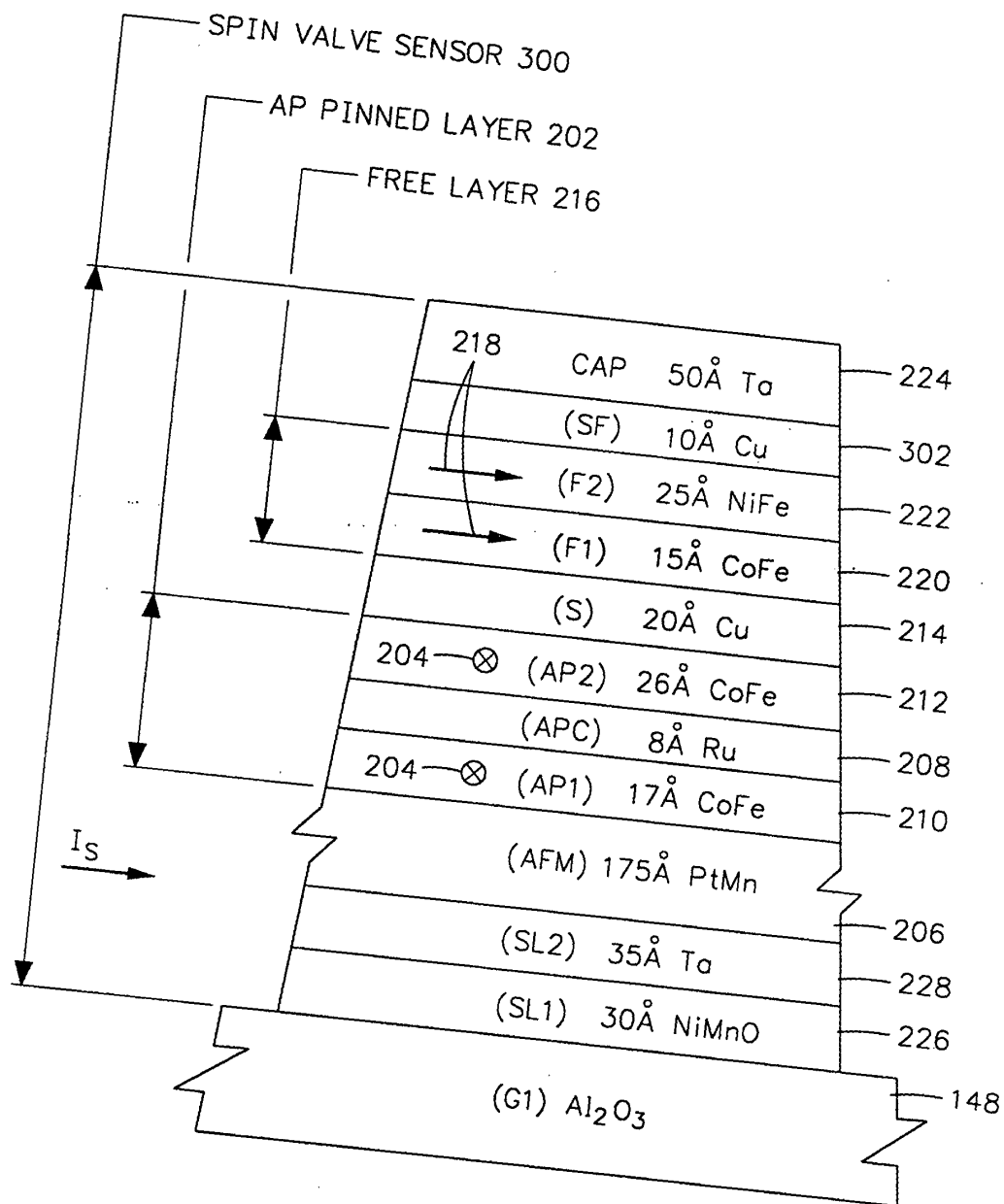


FIG. 13

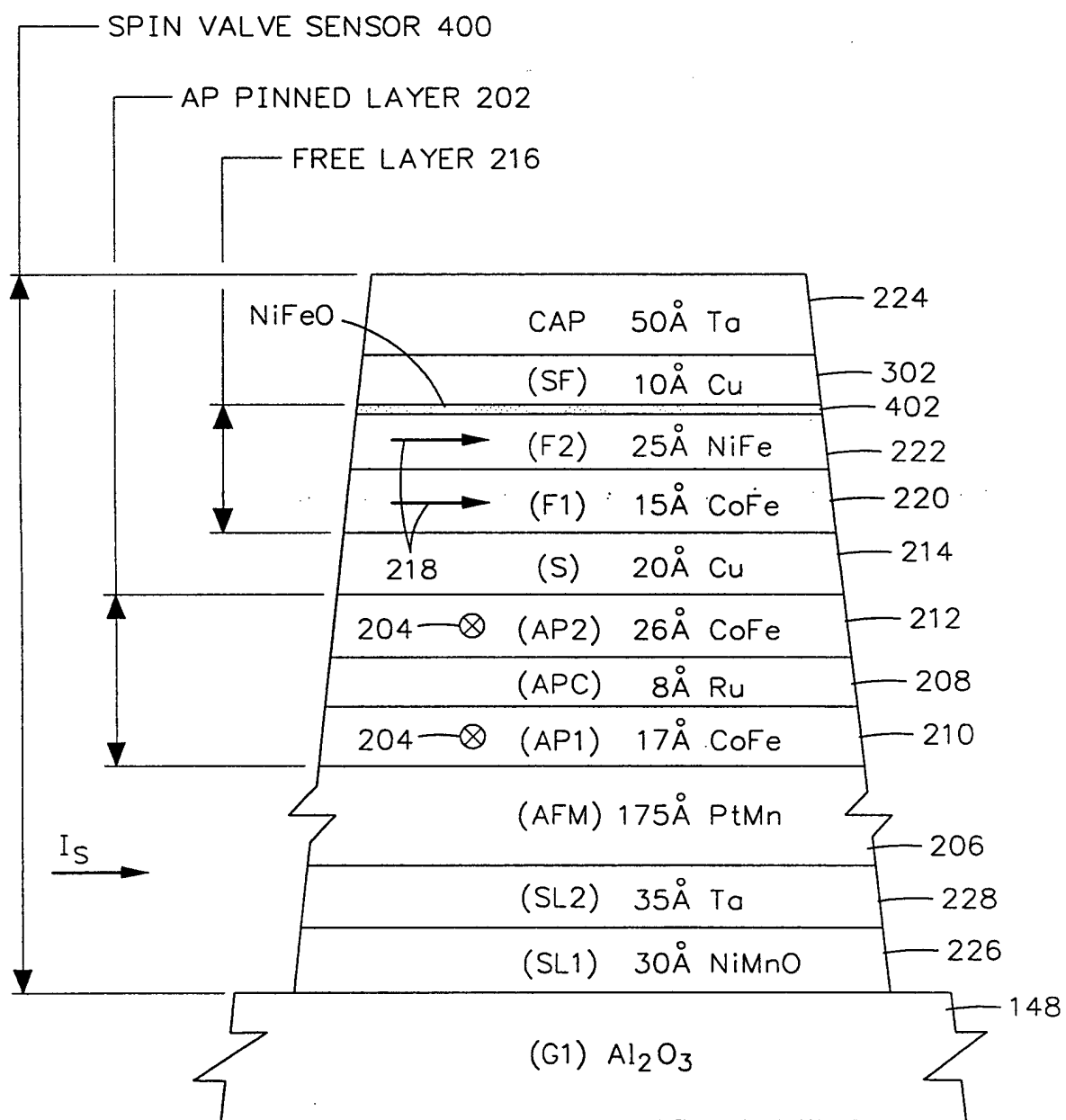


FIG. 14

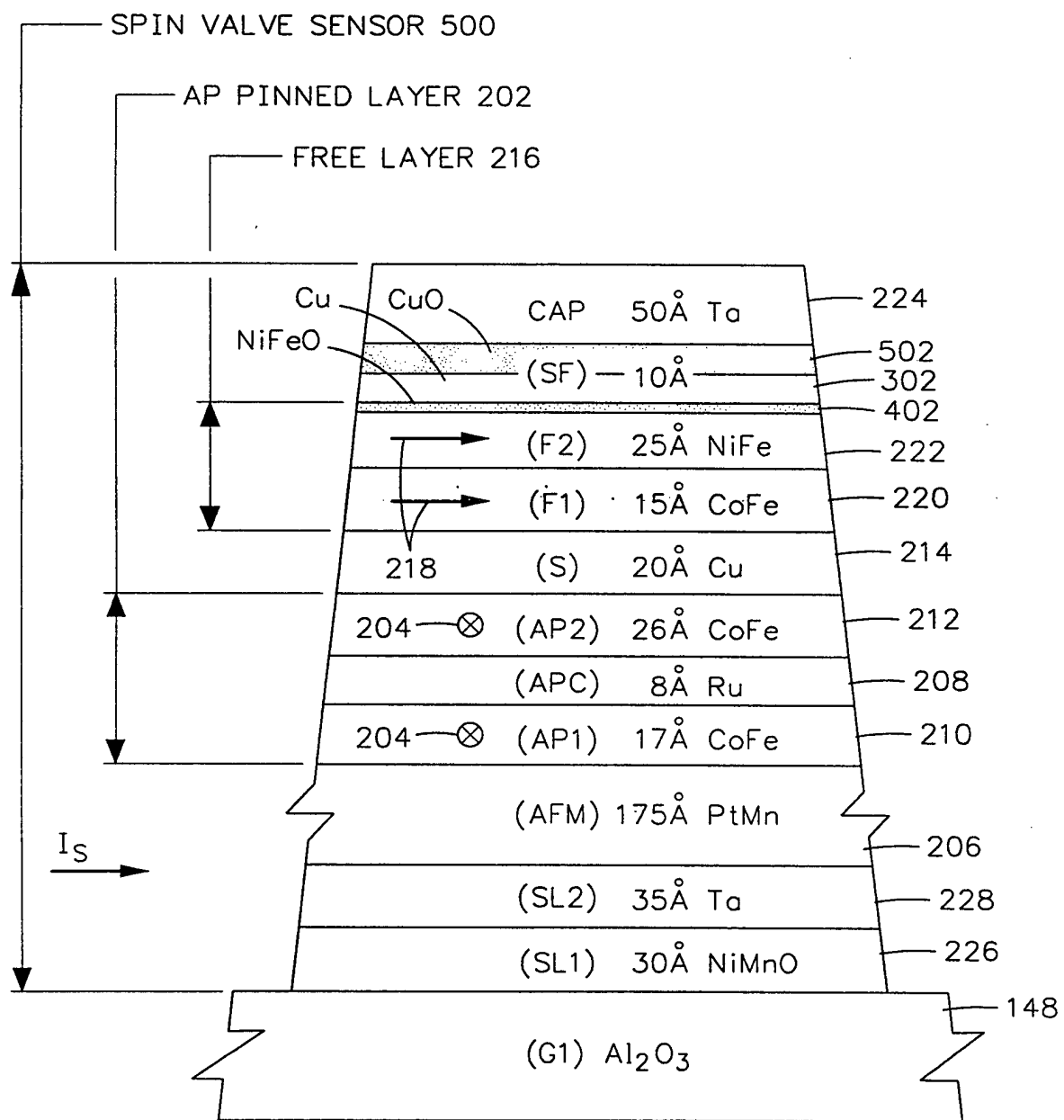


FIG. 15



FIG. 16

SPIN FILTER AFFECT ON AP-PINNED PtMn SPIN VALVES

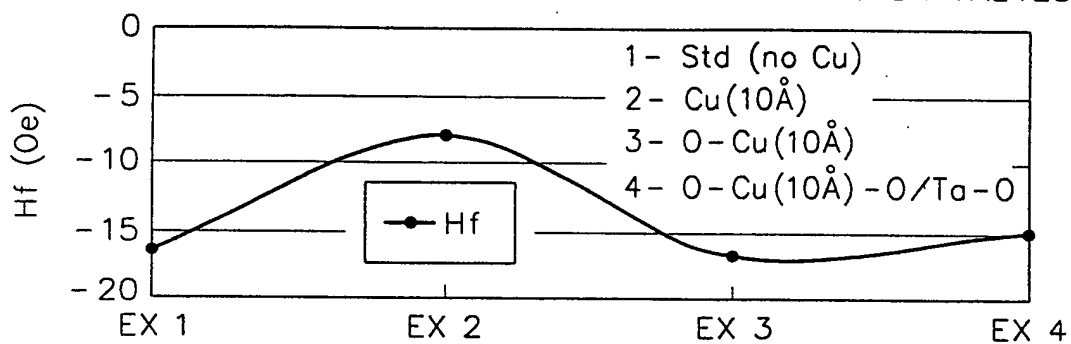


FIG. 17

Cu/Ta CAP ON AP-PINNED PtMn STRUCTURES

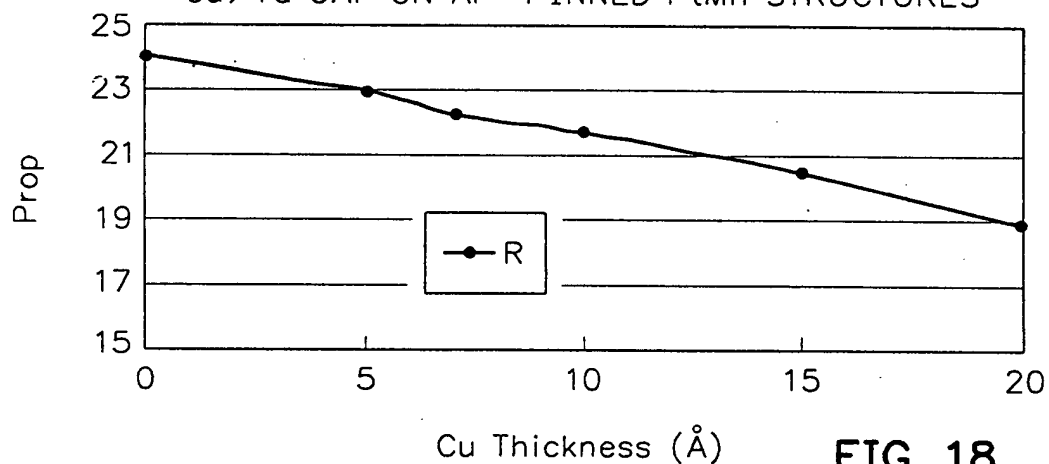


FIG. 18

Cu/Ta CAP ON AP-PINNED PtMn STRUCTURES

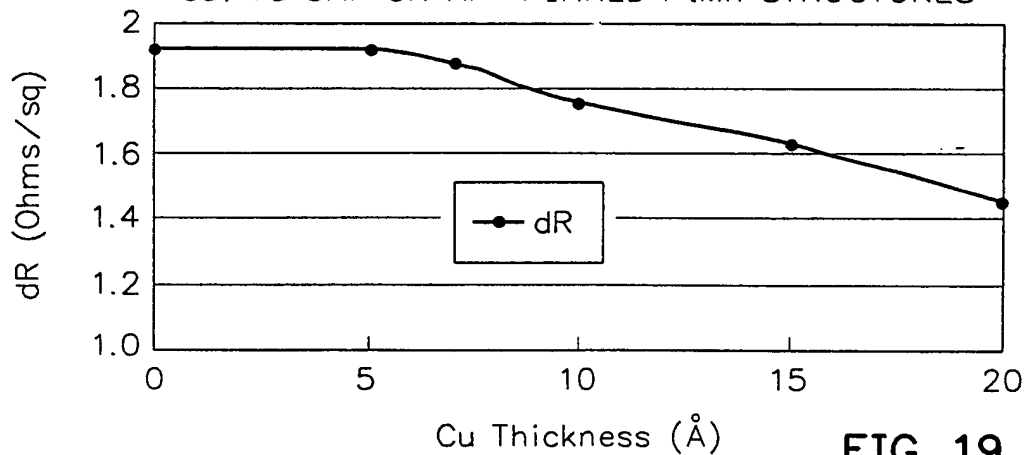
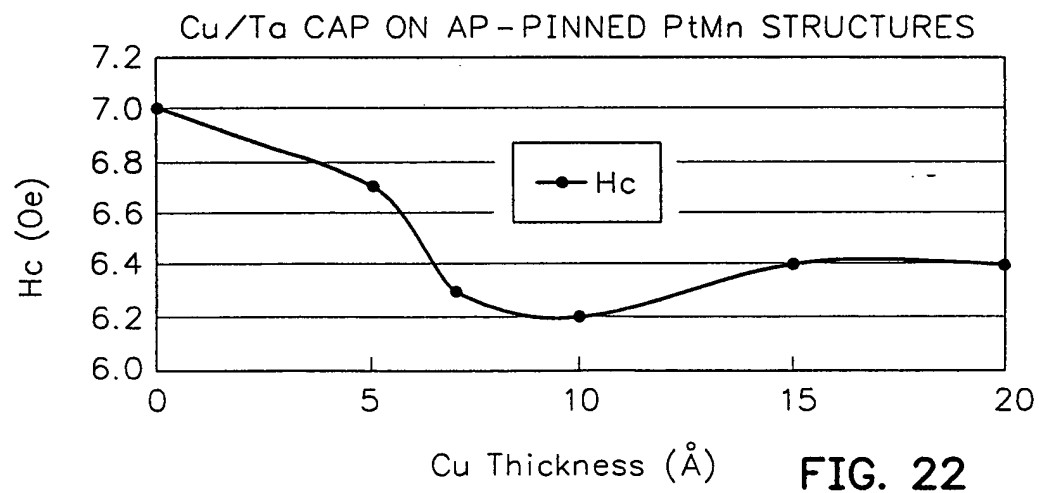
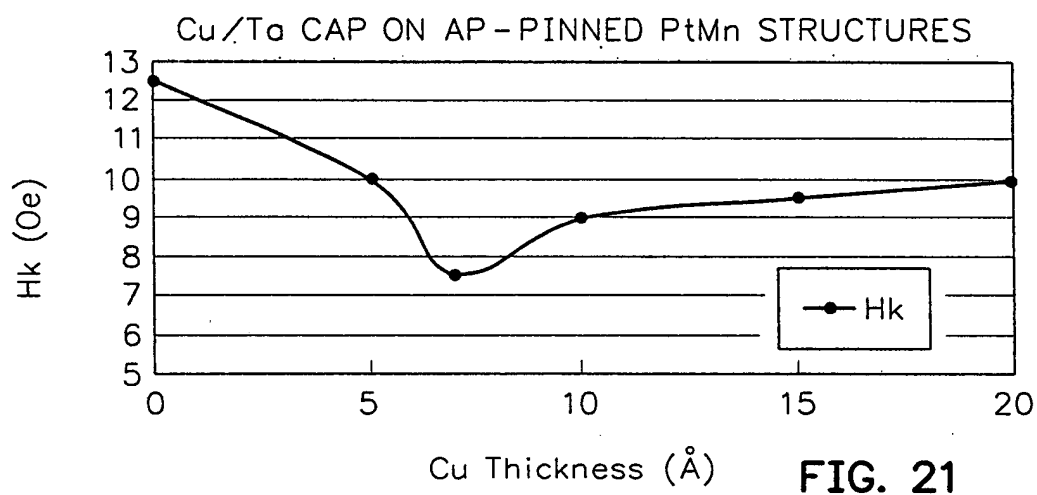
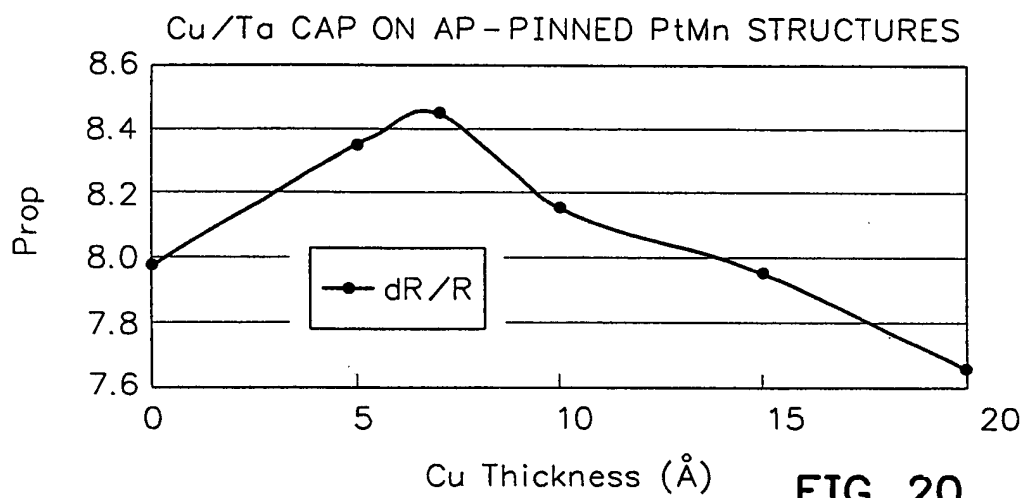


FIG. 19



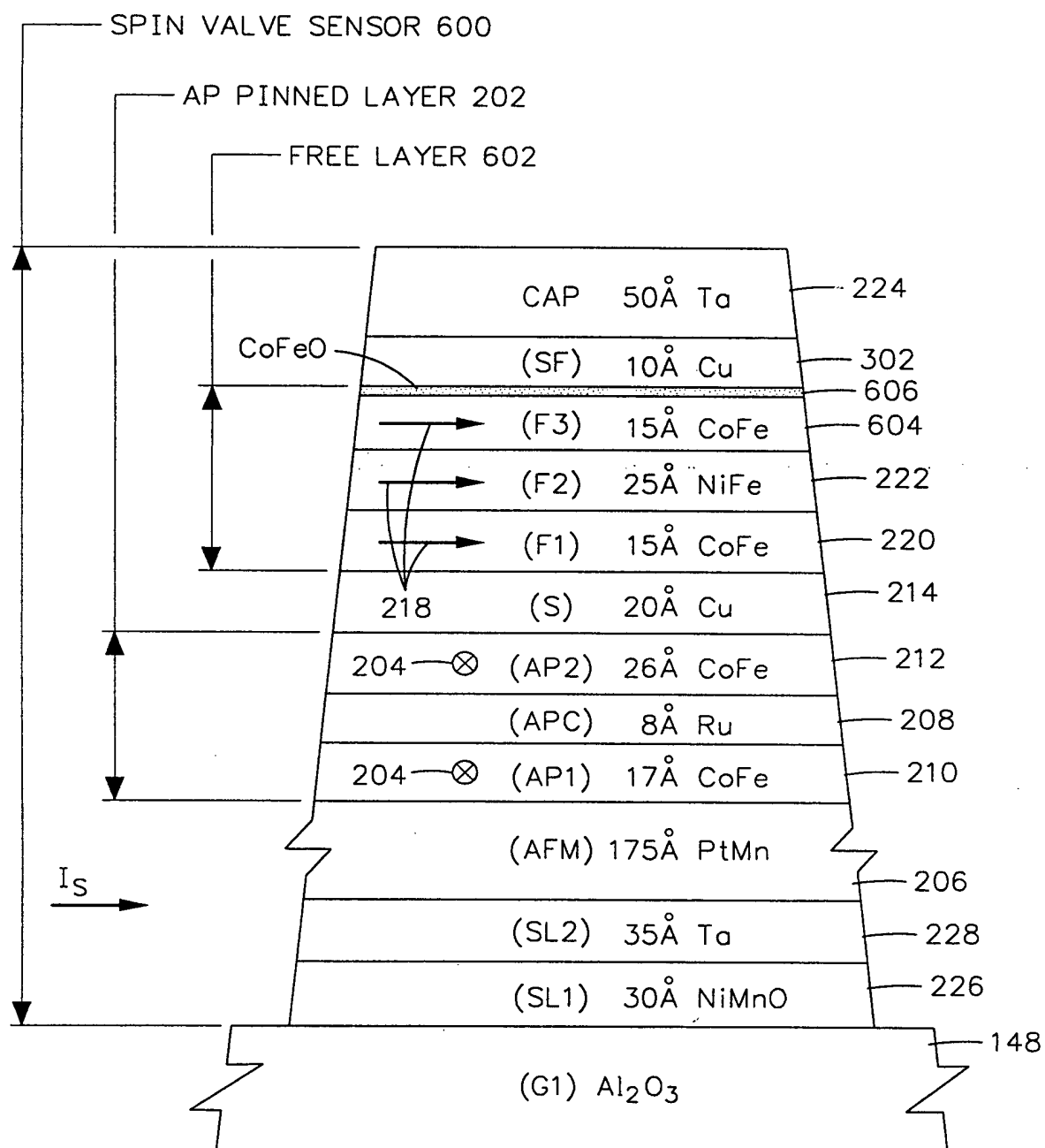


FIG. 23

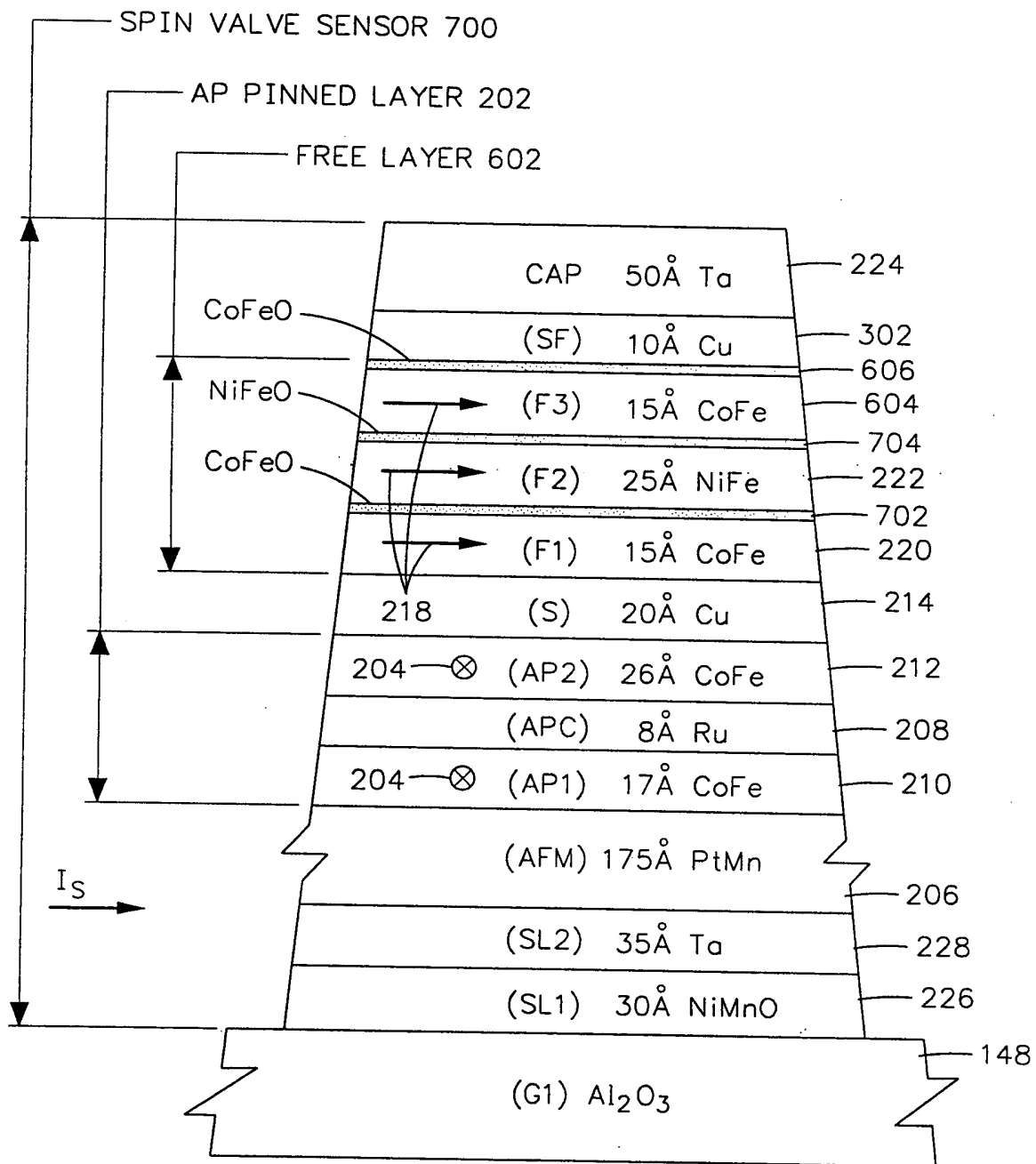


FIG. 24

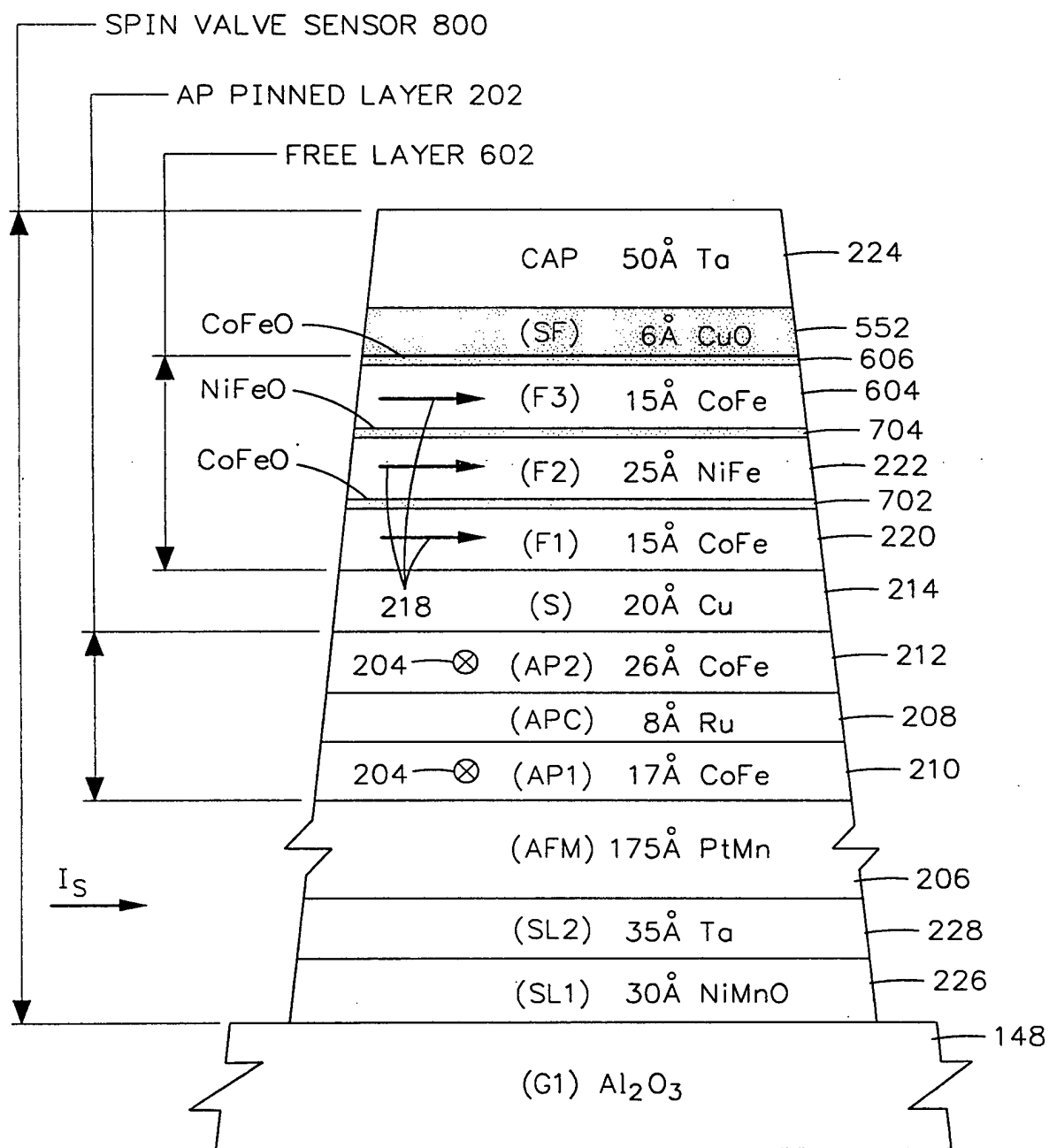


FIG. 25